

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	74	703/6.ccls. and @pd>"20080620"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:31
L2	54	(local adj flare) and (mask or photomask)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:37
L3	896	(ring-shape\$2 or (ring near shape)) near light	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:42
L4	177	((ring-shape\$2 or (ring near shape)) near light) near source	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:43
L5	4	(((ring-shape\$2 or (ring near shape)) near light) near source) and flare	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:43
L6	72	(((ring-shape\$2 or (ring near shape)) near light) near source) and intensity	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:44
L7	0	(((ring-shape\$2 or (ring near shape)) near light) near source) and intensity and diffrat\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:48
L8	17	(((ring-shape\$2 or (ring near shape)) near light) near source) and intensity and diffract\$4	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/11/04 18:48


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ring-shape light source intensity diffraction

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### Particle size analyzer based on the laser diffraction method

H Shimaoka - US Patent App. 09/912,480, 2001 - Google Patents

... system 22 formed of a laser beam **source** 22a, condenser ... tens of light receiving elements, each having a light receiving surface with a **ring shape**, a semi ...

Cited by 4 - Related articles - Web Search - All 6 versions

### Fabrication by means of x-ray lithography of two-dimensional GaAs/AlGaAs photonic crystals with an ... - ▶ trieste.it [PDF]

F Romanato, L Businaro, E Di Fabrizio, A Passaseo, ... - Nanotechnology, 2002 - iop.org

... by lattice unit cells with ring or anti-ring shape with or ... 1 c (x, y) due to a perfectly coherent **source**. ... and the wavelength band pass of the light beam. ...

Cited by 7 - Related articles - Web Search - BL Direct - All 10 versions

### Influence of diffraction on low thermal diffusivity measurements with infrared photothermal ...

JF Bisson, D Fournier - Journal of Applied Physics, 1998 - link.aip.org

... involve heating the sample by light absorption with ... b)] and simulated (solid line) effective **source** term. ... K for a gray body, a **ring-shape** transparency function ...

Cited by 11 - Related articles - Web Search - BL Direct - All 3 versions

### Optical information recording medium and method of fabricating the same

T Taii, H Nagate, T Nunomura, ... - US Patent 5,040,165, 1991 - freepatentsonline.com

... a recording region configured into a **ring shape** is partitioned ... A **light source** emitting any radiation rays can be ... can be controlled by a single signal **source**. ...

Cited by 24 - Related articles - Web Search - All 3 versions

### Local characterization of transmission properties of a two-dimensional photonic crystal - ▶ nist.gov [PDF]

EB McDaniel, JWP Hsu, LS Goldner, RJ Tonucci, EL, ... - Physical Review B, 1997 - APS

... small transverse spatial extent of the NSOM **light source** corresponds to ... 3 f show dark spots near channel centers **ring shape** ... 4 b compared to 670-nm **light** Fig. ...

Cited by 33 - Related articles - Web Search - BL Direct - All 6 versions

### Apparatus for measuring a particle size distribution.

T Igushi, Y Togawa - EP Patent 0,485,817, 1992 - freepatentsonline.com

... so as to be divided in a **ring shape** with said ... case compensates the data of an optical **intensity** detected by ... laser beams L from the **laser light source** 27 are ...

Cited by 6 - Related articles - Web Search - All 5 versions

### Exposure apparatus

S Nishiwaki, J Asada, S Uchida - US Patent 5,307,184, 1994 - freepatentsonline.com

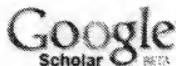
... the transmitted light through circular **ring shape** regions which ... **light** issued from the **laser light source** 1 is ... a shutter 2, and its **light intensity** is adjusted ...

Cited by 11 - Related articles - Web Search - All 5 versions

### Optical head device.

A Takahashi, Y Murakami, J Nakajima, K Ohta - EP Patent 0,522,500, 1993 - freepatentsonline.com

... layer, and located at the same side of a **light source**. ... while being irradiated by


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ring-shape light source intensity diffraction wei | 1990

- [2003]

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[Influence of diffraction on low thermal diffusivity measurements with infrared photothermal ...](#)

JF Bisson, D Fournier - Journal of Applied Physics, 1998 - link.aip.org  
 ... involve heating the sample by light absorption with ... b)] and simulated (solid line)  
 effective source term. ... K for a gray body, a ring-shape transparency function ...  
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[Shielded electronic component assembly and method for making the same](#)

LM Higgins III - US Patent 5,639,989, 1997 - freepatentsonline.com  
 ... of assembly 10, more clearly illustrates the ring shape of the ... with minimal weight  
 increase, a light weight housing is ... H-field emitter at the source to reduce ...  
 Cited by 45 - Related articles - Web Search - All 3 versions

[\[CITATION\] Review of spectral color measurement](#)

J Haanpalo, T Jaaskelainen, J Parkinen, P ... - Intelligent Robots and Computer Vision XIV: Algorithms, ..., 1995 - SPIE  
 Related articles - Web Search

[Time-resolved shear behavior of end-tethered Nylon 6-clay nanocomposites followed by non-isothermal ...](#)

FJ Medellin-Rodriguez, C Burger, BS Hsiao, B Chu, ... - Polymer, 2001 - Elsevier  
 ... Ring shape samples with an external diameter of 1 ... Å) in the National Synchrotron  
 Light Source (NSLS), Brookhaven ... 8. Total scattering intensity as a function ...  
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[Projection exposure methods using diffracted light with increased intensity portions spaced from the ...](#)

N Shiraishi - US Patent 6,665,050, 2003 - freepatentsonline.com  
 ... Apparatus for summing several ring-shape laser beams. ... optical system between the  
 light source and an ... system; distributing the diffracted light at regions apart ...  
 Related articles - Web Search - All 3 versions

[Characterization of photosynthetic supramolecular assemblies using small angle neutron scattering](#)

DM Tiee, P Marone, AM Wagner, P Thiagarajan - ... photosynthesis congress, Montpellier (France), 20-25 Aug  
 ... 1995 - Springer  
 ... D-200 and 2 Intense Pulsed Neutron Source, Argonne National ... to be sensitive to both  
 light and heavy ... the marked difference in scattering intensity between the ...  
 Cited by 3 - Related articles - Web Search - All 4 versions

[3 Transmission Electron Microscopy and Spectroscopy of Nanoparticles](#)

ZL Wang - Characterization of Nanophase Materials, 2000 - doi.wiley.com  
 ... Ignoring the 2 term, the image intensity is calculated ... a finite energy spread of  
 the source, the focus ... from Pt nanocrystals, showing a ring shape contrast in ...  
 Cited by 7 - Related articles - Web Search - All 3 versions

[Layered cracking catalyst and method of manufacture and use thereof](#)

PH Schipper, H Owen, JA Herbst, GW Kirker, A Huss ... - US Patent 5,179,054, 1993 - freepatentsonline.com